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UTILITY PATENT APPLICATION TRANSMITTAL  
(Small Entity)

(Only for new or supplemental applications under 37 CFR 1.53(e))

Docket No  
18810-81608

Total Pages in this Submission

17

1  
S.  
PTO

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**  
Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

## In vitro Transfection, Storage and Transfer of Male Germ Cells for Generation of Transgenic Species & Gene Therapies

and invented by

Carol W. Readhead and Robert Winston

JJ10117 U.S. PTO  
10/07/945

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information.

Continuation     Divisional     Continuation-in-part (CIP) of prior application No 09.191.920

Claims benefit of provisional : 60,065,825

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No.

Enclosed are:

## Application Elements

1.  Filing fee as calculated and transmitted as described below
  2.  Specification having 47 pages and including the following:
    - a.  Descriptive Title of the Invention
    - b.  Cross References to Related Applications (*if applicable*)
    - c.  Statement Regarding Federally-sponsored Research/Development (*if applicable*)
    - d.  Reference to Microfiche Appendix (*if applicable*)
    - e.  Background of the Invention
    - f.  Brief Summary of the Invention
    - g.  Brief Description of the Drawings (*if drawings filed*)
    - h.  Detailed Description
    - i.  Claim(s) as Classified Below
    - j.  Abstract of the Disclosure

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**(Small Entity)**

Only for new or continuation applications under 37 CFR 1.53(b)

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**Application Elements (Continued)**

3.  Drawings(s) when necessary as prescribed by 35 USC 113  
a.  Formal      b.  Informal      Number of Sheets      None
4.  Oath or Declaration  
a.  Newly executed original or copy       Unexecuted  
b.  Copy from a prior application (37 CFR 1.63(d)) *for continuation/divisional application only*  
c.  With Power of Attorney       Without Power of Attorney  
d.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b)
5.  Incorporation By Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein
6.  Computer Program in Microfiche
7.  Genetic Sequence Submission (*if applicable, all must be included*)  
a.  Paper Copy  
b.  Computer Readable Copy  
c.  Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8.  Assignment Papers (*cover sheet & documents*)
9.  37 CFR 3.73(b) Statement (*when there is an assignee*)
10.  English Translation Document (*if applicable*)
11.  Information Disclosure Statement/PTO-1449       Copies of IDS Citations
12.  Preliminary Amendment
13.  Acknowledgment postcard
14.  Certificate of Mailing

First Class     Express Mail *Specify Label No.: E1 900688451 US*

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

*Only for new non-provisional applications under 37 CFR 1.53(b)*

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**Accompanying Application Parts (Continued)**

- 15  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
- 16  Small Entity Statement(s) - Specify Number of Statements Submitted 2
- 17  Additional Enclosures *(please identify below)*

Copies of Power of Attorney by Assignee; Notice of Change of Address Preliminary Amendment and Petition Under § 1.48(b)(1) for Correction of Inventorship; and Revocation of Prior Powers and New Power of Attorney

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

- 18  Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

*An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.*

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

Only for new utility applications filed under 37 CFR 1.6(b)

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18810-81608

Letter Pages in this Submission

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**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	1	- 20 =	0	\$9.00	\$0.00
Indep. Claims	1	- 3 =	0	\$42.00	\$0.00
Multiple Dependent Claims (check if applicable)	<input type="checkbox"/>				\$0.00
				<b>BASIC FEE</b>	<b>\$370.00</b>
<b>OTHER FEE (specify purpose)</b>					<b>\$0.00</b>
				<b>TOTAL FILING FEE</b>	<b>\$370.00</b>

- A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge and credit Deposit Account No *50-1597* as described below. A duplicate copy of this sheet is enclosed
- Charge the amount of **\$370.00** as filing fee
  - Credit any overpayment
  - Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17
  - Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance pursuant to 37 C.F.R. 1.311(b).

Dated: November 12, 2001



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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR)

Applicants: Carol W. Readhead, Robert Winston, and Outi Hovatta

Serial No.

1807 41794

Serial No NOT ASSIGNED	Filing Date NOVEMBER 13, 1998	Examiner NOT ASSIGNED	Group Assignment --
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INVENTION

Transfection, Storage and Transfer of Male Germ Cells for Generation of Transgenic Species & Genetic Therapies

hereby certif. that this **Power of Attorney By Assignee Under Rule 32**

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on  
**November 13, 1998**

*(Date)*

**ANN WEISS**

*(Typed or Printed Name of Person Mailing Correspondence)*

*(Signature of Person Mailing Correspondence)*

**EL 149 134 734 US**

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Note: Each paper must have its own certificate of mailing.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicants: Carol W. Readhead, Robert Winston, and Outi Hovatta

Case No.

107-41794

Serial No NOT ASSIGNED	Filing Date NOVEMBER 13, 1998	Examiner NOT ASSIGNED	Group Art Unit --
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Invention:

Transfection, Storage and Transfer of Male Germ Cells for Generation of Transgenic Species & Genetic Therapies

I hereby certify that this Statement Claiming Small Entity Status

*(Identify type of correspondence)*

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